BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2022-23/OW/WORK_INDENT54323

APPROVED SCHEDULE - B

No.[illegible]/BTP/BBMP/E-PMT/18/2022-23, Date: 04-11-2022

Name of Work:Improvement to roads and drains behind swathi hotel at Sahakara Nagar in Ward No:10 Kempapura

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of PRADEEP SURAPARAJU ( )	
				In Figures	In Words
1	382.35	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	210.53	Rupees Two Hundred Ten and Fifty Three Paise Only
2	47.52	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications	Cum	6286.57	Rupees Six Thousand Two Hundred Eighty Six and Fifty Seven Paise Only
3	101.94	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	Cum	7092.94	Rupees Seven Thousand Ninety Two and Ninety Four Paise Only
4	4.00	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tonne	104327.22	Rupees One Hundred Four Thousand Three Hundred Twenty Seven and Twenty
5	3.60	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate	Cum	6483.52	Rupees Six Thousand Four Hundred Eighty Three and Fifty Two Paise Only
6	433.80	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete	Sqm	2404.77	Rupees Two Thousand Four Hundred Four and Seventy Seven Paise Only
7	14.40	Providing and Fixing pre cast Covering Slab 250mm thick made out of CC 1:2:4 and jelly 25mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. As per Engineer incharge	Sqm	5575.12	Rupees Five Thousand Five Hundred Seventy Five and Twelve Paise Only
8	450.00	Earth work in surface excavation for stripping, seating of bund, Road way, by manual means for lowering & leveling the ground for all works other than foundation & depth in all kinds of soil not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work	Sqm	79.23	Rupees Seventy Nine and Twenty Three Paise Only
9	202.50	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density,	Cum	2656.57	Rupees Two Thousand Six Hundred Fifty Six and Fifty Seven Paise Only
10	139.50	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	2709.77	Rupees Two Thousand Seven Hundred Nine and Seventy Seven Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of PRADEEP SURAPARAJU ( )	
				In Figures	In Words
11	903.75	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means	Cum	47.54	Rupees Forty Seven and Fifty Four Paise Only
12	45.19	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification	Cum	10344.43	Rupees Ten Thousand Three Hundred Forty Four and Forty Three Paise Only
13	1962.50	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	15.85	Rupees Fifteen and Eighty Five Paise Only
14	78.50	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification	Cum	12010.59	Rupees Twelve Thousand Ten and Fifty Nine Paise Only
15	70.00	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	541.05	Rupees Five Hundred Forty One and Five Paise Only
16	382.35	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	83.76	Rupees Eighty Three and Seventy Six Paise Only
17	4796.20	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	t.km	12.35	Rupees Twelve and Thirty Five Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92